

CLAIMS

1. A polypeptide comprising within a molecule thereof, at least the amino acid sequence set forth in SEQ ID NO:1 in SEQUENCE LISTING.

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2. A sense polynucleotide encoding at least a part of a polypeptide, said polypeptide comprising the amino acid sequence set forth in SEQ ID NO:1 in SEQUENCE LISTING.

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3. An antisense polynucleotide corresponding to a sense polynucleotide encoding at least a part of a polypeptide, said polypeptide comprising the amino acid sequence set forth in SEQ ID NO:1 in SEQUENCE LISTING.

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4. A double-strand polynucleotide comprising a sense polynucleotide encoding at least a part of a polypeptide which comprises the amino acid sequence set forth in SEQ ID NO:1 in SEQUENCE LISTING, together with an antisens polynucleotide corresponding to said sense polynucleotide.

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5. A method for detecting neuron comprising detecting mRNA which is present in said neuron and which contains a region encoding a polypeptide

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comprising the amino acid sequence set forth in SEQ ID NO:1 in SEQUENCE LISTING by means of a labeled nucleotide capable of hybridizing with said mRNA.

5 6. An antibody directed against an antigen having a part or the whole of the polypeptide according to claim 1, said antibody recognizing the polypeptide set forth in SEQ ID No. 1 in SEQUENCE LISTING.

10 7. The antibody according to claim 6, wherein a part of the polypeptide is the amino acid sequence set forth in SEQ ID No. 5 in SEQUENCE LISTING.

15 8. A recombinant plasmid comprising the polynucleotide according to claim 4.

9. A microbial cell transformed with the plasmid according to claim 8.

20 10. A method for screening a cancer cell comprising using the sense polynucleotide according to claim 2.

25 11. A method for screening a cancer cell comprising using the antisense polynucleotide according to claim 3.